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increase in the throat area and forward movement of the sleeve causing a decrease in the throat area;

a thrust reverser actuation system including a plurality of thrust reverser actuators for positioning the thrust reverser at the disengaged position whereby working medium gases are discharged from the duct exclusively through the throat to produce forward thrust, and at the engaged position whereby at least a portion of the working medium gases are diverted to produce reverse thrust; and

the thrust reverser actuation system being mechanically independent of the sleeve actuation system so that translation of the sleeve does not actively contribute to engagement of the reverser.

2. The exhaust nozzle of claim 1 wherein the throat area undergoes a monotonic increase with aftward translation of the sleeve.

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3. The exhaust nozzle of claim 2 wherein the monotonic increase is linear.

4. The exhaust nozzle of claim 1 wherein the aerodynamically streamlined character of the nacelle is preserved at all positions of the sleeve with the thrust reverser in its disengaged position.

5. The exhaust nozzle of claim 1 wherein the thrust reverser is engageable with the sleeve in its aftmost, maximum throat area position.

6. The exhaust nozzle of claim 1 wherein the translating sleeve is a pair of semi-cylinders mating with each other to form a substantially continuous inner surface of the duct.

7. The exhaust nozzle of claim 1 wherein the increase and decrease in throat area arising from aftward movement of the sleeve are nondiscontinuous.

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